

Amendment Under 37 C.F.R. § 1.111
US Appln No. 10/829,471

Docket No. Q81267

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (Currently Amended) A golf ball having a surface on which are formed ~~numerous~~ dimples and ~~numerous~~ edges that define the dimples, ~~characterized in that wherein:~~ the edges are ~~composed of~~ comprise a plurality of edge elements; and the ~~numerous~~ dimples ~~include~~ comprise first dimples which are defined by a ones of the plurality of edge elements and are non-circular as viewed from above, wherein said first dimple is a depression which begins at apices of a pair of edges and extends through the lower end of each edge to the deepest part of the dimple at about the center thereof.

2. (Currently Amended) The golf ball of claim 1, wherein at least 80% of all the edges defining the ~~plurality of~~ dimples have a cross sectional shape that is substantially the same.

3. (Original) The golf ball of claim 1, wherein the edges have a cross-sectional shape that is circularly arcuate.

4. (Original) The golf ball of claim 3, wherein the circularly arcuate cross-sectional shape is formed at a radius of curvature of 0.2 to 2.0 mm.

Amendment Under 37 C.F.R. § 1.111
US Appln No. 10/829,471

Docket No. Q81267

5. (Original) The golf ball of claim 1, wherein the edges are formed at positions within a range of 0.01 to 0.2 mm from an outer circumferential surface toward a center of the ball.

6. (Currently Amended) ~~The golf ball of claim 1,~~ A golf ball having a surface on which are formed dimples and edges that define the dimples, wherein:

the edges comprise a plurality of edge elements; and the dimples comprise first dimples which are defined by one of the plurality of edge elements and are non-circular as viewed from above wherein the plurality of edge elements include edge elements which have shapes as viewed from above that are curvilinear.

7. (Currently Amended) The golf ball of claim 6, wherein the plurality of edge elements additionally include edge elements which have shapes as viewed from above that are rectilinear.

8. (Currently Amended) The golf ball of claim 6, wherein ones of the curvilinear edge elements have shapes as viewed from above that are circularly arcuate and ~~wherein a plurality of the edge elements~~ are interconnected to form second dimples having shapes as viewed from above that are substantially circular.

9. (Currently Amended) The golf ball of claim 8, wherein ~~a plurality~~ ones of the circularly arcuate edge elements and the rectilinear edge elements are combined to form the first dimples ~~having shapes as viewed from above that are non-circular.~~

Amendment Under 37 C.F.R. § 1.111
US Appln No. 10/829,471

Docket No. Q81267

10. (Currently Amended) The golf ball of claim 6, wherein ones of the curvilinear edge elements ~~having shapes as viewed from above that are curvilinear~~ are combined to form the first ~~dimples having shapes as viewed from above that are non-circular.~~

11. (Currently Amended) The golf ball of claim 8, wherein ~~a plurality~~ ones of the curvilinear edge elements and the rectilinear edge elements are combined to form the first ~~dimples having shapes as viewed from above that are non-circular.~~

12. (New) The golf ball of claim 3, wherein: the cross-sectional shape that is circulatory arcuate is described by a radius having the center thereof located inside the ball; and the depression is described by a substantially large circular arc about a center located outside the ball.

13. (New) The gold ball of claim 1, wherein said first dimple has a recessed bottom.

14. (New) The golf ball of claim 6, wherein at least 80% of all the edges defining the dimple have a cross-sectional shape that is substantially the same.

15. (New) The golf ball of claim 6, wherein the edges have a cross-sectional shape that is circularly arcuate.

Amendment Under 37 C.F.R. § 1.111
US Appln No. 10/829,471

Docket No. Q81267

16. (New) The golf ball of claim 15, wherein the circularly arcuate cross-sectional shape is formed at a radius of curvature of 0.2 to 2.0 mm.

17. (New) The golf ball of claim 6, wherein the edges are formed at positions within a range of 0.01 to 0.2 mm from an outer circumferential surface toward a center of the ball.

18. (New) A golf ball having a surface on which are formed dimples and edges that define the dimples, wherein:

the edges comprise a plurality of edge elements;

the dimples comprise first dimples which are defined by a ones of the plurality of edge elements and are non-circular as viewed from above; and

the dimples are arc-shaped in a cross-section taken along a radius of the golf ball.

19. (New) The golf ball of claim 18, wherein at least 80% of all the edges defining the dimples have a cross sectional shape that is substantially the same.

20. (New) The golf ball of claim 18, wherein the edges have a cross-sectional shape that is circularly arcuate.

21. (New) The golf ball of claim 20, wherein the circularly arcuate cross-sectional shape is formed at a radius of curvature of 0.2 to 2.0 mm.

Amendment Under 37 C.F.R. § 1.111
US Appln No. 10/829,471

Docket No. Q81267

22. (New) The golf ball of claim 18, wherein the edges are formed at positions within a range of 0.01 to 0.2 mm from an outer circumferential surface toward a center of the ball.

23. (New) The golf ball of claim 20, wherein the cross-sectional shape that is circularly arcuate is described by a radius having the center thereof located inside the ball.

24. (New) The gold ball of claim 18, wherein said first dimples have a recessed bottom.